

17175 U.S.P.T.O.  
040204

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 41653-201032

First Inventor Alexander BUHL et al.

Title METHOD AND A CONTINUOUS ROD MACHINE ARRANGEMENT  
FOR PRODUCING NONWOVEN FILTERS

Express Mail Label No.

U.S.P.T.O.  
10/815933  
195810

040204

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 45]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C.113) [Total Sheets 17]
- Oath or Declaration [Total Pages ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
     (for a continuation/divisional with Box 18 completed)  
 i.  **DELETION OF INVENTOR(S)**  
     Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

6a.  Priority is claimed under the provisions of 35 U.S.C. § 119  
 Appln No. 03015325.8 filed in Europe on July 7, 2003  
 Appln No. 03007672.3 filed in Europe on April 3, 2003

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

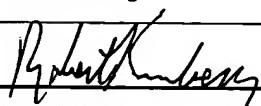
**20. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

26694

or  Correspondence address below

PATENT TRADEMARK OFFICE

Name	VENABLE				
Address	P.O. Box 34385				
City	Washington	State	D.C.	Zip Code	20043-9998
Country	U.S.A	Telephone	202-344-4000	Fax	202-344-8000

Name (Print/Type)	Robert Kinberg	Registration No. (Attorney/Agent)	26,924
Signature			Date 4/2/04

17175 US PTO  
040204

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 878)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	April 2, 2004
First Named Inventor	Alexander BUHL
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	41653-201032

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)																																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="22-0261"/></p> <p>Deposit Account Name <input type="text" value="Venable LLP"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>					<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td><input type="text"/></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td><input type="text"/></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>1251</td><td>110</td><td>2215</td><td>55</td><td>Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td><input type="text"/></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td><input type="text"/></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td><input type="text"/></td></tr> <tr><td>1255</td><td>2010</td><td>2255</td><td>1005</td><td>Extension for reply within fifth month</td><td><input type="text"/></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive – unavoidable</td><td><input type="text"/></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive – unintentional</td><td><input type="text"/></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td><input type="text"/></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td><input type="text"/></td></tr> <tr><td>1503</td><td>640</td><td>25403</td><td>320</td><td>Plant issue fee</td><td><input type="text"/></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td><input type="text"/></td></tr> <tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td><input type="text"/></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td><input type="text"/></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td><input type="text"/></td></tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td><input type="text"/></td> </tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) <input type="text" value="(\$ 0)"/></td> </tr> </tbody> </table>					Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath	<input type="text"/>	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	<input type="text"/>	1053	130	1053	130	Non-English specification	<input type="text"/>	1812	2,520	1812	2,520	For filing a request for reexamination	<input type="text"/>	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>	1251	110	2215	55	Extension for reply within first month	<input type="text"/>	1252	420	2252	210	Extension for reply within second month	<input type="text"/>	1253	950	2253	475	Extension for reply within third month	<input type="text"/>	1254	1,480	2254	740	Extension for reply within fourth month	<input type="text"/>	1255	2010	2255	1005	Extension for reply within fifth month	<input type="text"/>	1401	330	2401	165	Notice of Appeal	<input type="text"/>	1402	330	2402	165	Filing a brief in support of an appeal	<input type="text"/>	1403	290	2403	145	Request for oral hearing	<input type="text"/>	1451	1,510	1451	1,510	Petition to institute a public use proceeding	<input type="text"/>	1452	110	2452	55	Petition to revive – unavoidable	<input type="text"/>	1453	1,330	2453	665	Petition to revive – unintentional	<input type="text"/>	1501	1,330	2501	665	Utility issue fee (or reissue)	<input type="text"/>	1502	480	2502	240	Design issue fee	<input type="text"/>	1503	640	25403	320	Plant issue fee	<input type="text"/>	1460	130	1460	130	Petitions to the Commissioner	<input type="text"/>	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	<input type="text"/>	1808	180	1808	180	Submission of Information Disclosure Stmt	<input type="text"/>	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>	1801	770	2801	385	Request for Continued Examination (RCE)	<input type="text"/>	1802	900	1802	900	Request for expedited examination of a design application	<input type="text"/>	Other fee (specify) _____					<input type="text"/>	*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) <input type="text" value="(\$ 0)"/>
Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
1051	130	2051	65	Surcharge - late filing fee or oath	<input type="text"/>																																																																																																																																																																																														
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	<input type="text"/>																																																																																																																																																																																														
1053	130	1053	130	Non-English specification	<input type="text"/>																																																																																																																																																																																														
1812	2,520	1812	2,520	For filing a request for reexamination	<input type="text"/>																																																																																																																																																																																														
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>																																																																																																																																																																																														
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>																																																																																																																																																																																														
1251	110	2215	55	Extension for reply within first month	<input type="text"/>																																																																																																																																																																																														
1252	420	2252	210	Extension for reply within second month	<input type="text"/>																																																																																																																																																																																														
1253	950	2253	475	Extension for reply within third month	<input type="text"/>																																																																																																																																																																																														
1254	1,480	2254	740	Extension for reply within fourth month	<input type="text"/>																																																																																																																																																																																														
1255	2010	2255	1005	Extension for reply within fifth month	<input type="text"/>																																																																																																																																																																																														
1401	330	2401	165	Notice of Appeal	<input type="text"/>																																																																																																																																																																																														
1402	330	2402	165	Filing a brief in support of an appeal	<input type="text"/>																																																																																																																																																																																														
1403	290	2403	145	Request for oral hearing	<input type="text"/>																																																																																																																																																																																														
1451	1,510	1451	1,510	Petition to institute a public use proceeding	<input type="text"/>																																																																																																																																																																																														
1452	110	2452	55	Petition to revive – unavoidable	<input type="text"/>																																																																																																																																																																																														
1453	1,330	2453	665	Petition to revive – unintentional	<input type="text"/>																																																																																																																																																																																														
1501	1,330	2501	665	Utility issue fee (or reissue)	<input type="text"/>																																																																																																																																																																																														
1502	480	2502	240	Design issue fee	<input type="text"/>																																																																																																																																																																																														
1503	640	25403	320	Plant issue fee	<input type="text"/>																																																																																																																																																																																														
1460	130	1460	130	Petitions to the Commissioner	<input type="text"/>																																																																																																																																																																																														
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	<input type="text"/>																																																																																																																																																																																														
1808	180	1808	180	Submission of Information Disclosure Stmt	<input type="text"/>																																																																																																																																																																																														
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>																																																																																																																																																																																														
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>																																																																																																																																																																																														
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>																																																																																																																																																																																														
1801	770	2801	385	Request for Continued Examination (RCE)	<input type="text"/>																																																																																																																																																																																														
1802	900	1802	900	Request for expedited examination of a design application	<input type="text"/>																																																																																																																																																																																														
Other fee (specify) _____					<input type="text"/>																																																																																																																																																																																														
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) <input type="text" value="(\$ 0)"/>																																																																																																																																																																																														
**or number previously paid, if greater; For Reissues, see above					<input type="text"/>																																																																																																																																																																																														

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Robert Kinberg	Registration No. Attorney/Agent)	26,924
Signature			Date 4/2/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SEND TO: Commissioner for Patents, Mail Stop Patent Application, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Alexander BUHL et al.

Appl. No. Not Yet Assigned

Confirmation No. Not Yet Assigned

Filed: April 2, 2004

For: METHOD AND A CONTINUOUS  
ROD MACHINE  
ARRANGEMENT FOR  
PRODUCING NONWOVEN  
FILTERS

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Atty. Docket No. 416523-201032

Customer No.

26694  
PATENT TRADEMARK OFFICE

**Submission Of Formal Drawings**

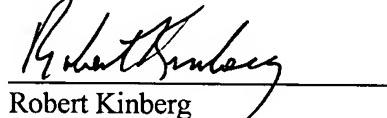
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Va. 22313-1450

Sir:

Submitted herewith are 17 sheets of formal drawing containing Figures 1-22.

Respectfully submitted,

Date: 4/3/04

  
\_\_\_\_\_  
Robert Kinberg  
Registration No. 26,924  
VENABLE LLP  
P.O. Box 34385  
Washington, D.C. 20043-9998

Telephone: (202) 344-4800  
Telefax: (202) 344-8000

#536292/RK/SVT